

**Statewide Patient Care Guidelines Workgroup**  
**OEMS 1001 Technology Park**  
**February 23, 2010**  
**10:00 am**

<b>Members Present:</b>	<b>Members Absent:</b>	<b>Staff:</b>	<b>Others:</b>
Max Bornstein	Steve Rea	Tom Nevetral	
Bob Ryalls	Delilah Long	Michael Berg	
George Lindbeck, M.D.	Jack Potter, M. D.		
Allen Yee, M. D.	Charles Lane, M. D.		
Debbie Akers	Stewart Martin, M. D.		
Jeff Meyer	Greg Leitz		
Holly Frost	Billy Altman		
Mary K. Allen			
Asher Brand, M.D. - Vice Chair			

<b>Topic/Subject</b>	<b>Discussion</b>	<b>Recommendations, Action/Follow-up; Responsible Person</b>
<b>I. Welcome</b>	The meeting was called to order at 10:25 AM by George Lindbeck, M.D. who chaired the meeting.	
<b>II. Approval of Minutes</b>	Minutes were approved as corrected (Jeff Meyer's name was spelled incorrectly).	
<b>III. Format for Patient Care Guidelines</b>	Discussion on what format or template should be utilized. It was noted that North Carolina had a nice format. After reviewing several out of state formats it was noted that some of our regional EMS council's formats were as good if not better. After further discussion and review it was decided to utilize the Thomas Jefferson EMS Council (TJEMS) format. It was determined to continue with the color coding for the various certification levels and text box formats that appeared to be easily interpreted. (See example below).	

Topic/Subject	Discussion	Recommendations, Action/Follow-up; Responsible Person																											
	<table border="1" data-bbox="598 375 1388 1084"> <tr> <td data-bbox="598 375 680 418">B</td><td data-bbox="680 375 1310 418">Universal Care Protocol</td><td data-bbox="1310 375 1388 418">B</td></tr> <tr> <td data-bbox="598 418 680 462">B</td><td data-bbox="680 418 1310 462">Identify substance and assure decontamination.</td><td data-bbox="1310 418 1388 462">B</td></tr> <tr> <td data-bbox="598 462 680 506">B</td><td data-bbox="680 462 1310 506">Flush skin/membranes with water unless contraindicated.</td><td data-bbox="1310 462 1388 506">B</td></tr> <tr> <td data-bbox="598 506 680 550">EN</td><td data-bbox="680 506 1310 550">IV Procedure</td><td data-bbox="1310 506 1388 550">EN</td></tr> <tr> <td data-bbox="598 550 680 630">J</td><td data-bbox="680 550 1310 630">Naloxone 0.8 mg IV or IM for suspected narcotic overdose with respiratory depression.</td><td data-bbox="1310 550 1388 630">J</td></tr> <tr> <td data-bbox="598 630 680 709">EN</td><td data-bbox="680 630 1310 709">Diphenhydramine 1 mg/kg slow IVP for dystonic reaction (max dose of 50 mg).</td><td data-bbox="1310 630 1388 709">EN</td></tr> <tr> <td data-bbox="598 709 680 802">I/P</td><td data-bbox="680 709 1310 802"> <b>For Symptomatic Tricyclic Antidepressant Overdose:</b>            ( if QRS &gt;0.12 secs, hypotension, or dysrhythmia)            • Sodium bicarbonate 1mEq/kg slow IVP over 2 minutes         </td><td data-bbox="1310 709 1388 802">I/P</td></tr> <tr> <td data-bbox="598 802 680 951">I/P</td><td data-bbox="680 802 1310 951"> <b>For Symptomatic Calcium Channel Blocker Overdose:</b>            (if bradycardic, QRS &gt;0.12 secs, heart block, hypotension, lethargy, slurred speech, nausea, vomiting)            • Calcium chloride 20 mg/kg slow IVP over 10 minutes            • Sodium bicarbonate 1 mEq/kg slow IVP over 2 minutes.         </td><td data-bbox="1310 802 1388 951">I/P</td></tr> <tr> <td data-bbox="598 951 680 1084">I/P</td><td data-bbox="680 951 1310 1084"> <b>For Symptomatic Organophosphate Poisoning:</b>            (secretions, bronchospasm, seizures, bradycardia)            • Atropine 0.05 mg/kg IV doubled every 5-10 minutes until decreased secretions.         </td><td data-bbox="1310 951 1388 1084">I/P</td></tr> </table> <p data-bbox="464 1122 1415 1208">In addition “specific instructions and precautions” will be hyperlinked. It was also questioned if the background color in the center of the table should be a different color/shade?</p> <p data-bbox="464 1243 1499 1395">The availability to print copies by an EMS agency must be considered when the final product has been completed. The on-line version should be in color and an agency can determine if they wish to print it in color or black and white due to budget constraints. An electronic version should be made available to be downloaded to hand held devices (palms).</p> <p data-bbox="464 1430 1514 1481">Specific education notes should be added (hyperlinked to the guidelines. Committee members should review the <i>Education Standards/Instructor Guidelines/ Virginia Scope of</i></p>	B	Universal Care Protocol	B	B	Identify substance and assure decontamination.	B	B	Flush skin/membranes with water unless contraindicated.	B	EN	IV Procedure	EN	J	Naloxone 0.8 mg IV or IM for suspected narcotic overdose with respiratory depression.	J	EN	Diphenhydramine 1 mg/kg slow IVP for dystonic reaction (max dose of 50 mg).	EN	I/P	<b>For Symptomatic Tricyclic Antidepressant Overdose:</b> ( if QRS >0.12 secs, hypotension, or dysrhythmia) • Sodium bicarbonate 1mEq/kg slow IVP over 2 minutes	I/P	I/P	<b>For Symptomatic Calcium Channel Blocker Overdose:</b> (if bradycardic, QRS >0.12 secs, heart block, hypotension, lethargy, slurred speech, nausea, vomiting) • Calcium chloride 20 mg/kg slow IVP over 10 minutes • Sodium bicarbonate 1 mEq/kg slow IVP over 2 minutes.	I/P	I/P	<b>For Symptomatic Organophosphate Poisoning:</b> (secretions, bronchospasm, seizures, bradycardia) • Atropine 0.05 mg/kg IV doubled every 5-10 minutes until decreased secretions.	I/P	
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	<p><i>Practice, EMS Regulations, Training Program Administration Manual &amp; the Atlantic EMS Council Practice Analysis</i> to ensure that pertinent educational notes have been added.</p> <p>Attention should also be directed to ensure that the terminology utilized is NEMSIS compliant  <a href="http://www.vdh.virginia.gov/OEMS/Files_page/PPCR/PPCRTechManNEMSIS.pdf">http://www.vdh.virginia.gov/OEMS/Files_page/PPCR/PPCRTechManNEMSIS.pdf</a>.</p> <p>When drafting the guidelines please use the new certification level names as follows:</p> <p>A – EMR (Emergency Medical Responder – replacing First Responder)  B – EMT (Emergency Medical Technician – replacing the EMT-Basic)  J – AEMT (Advanced EMT – replacing the Virginia Enhanced)  I – Intermediate (Intermediate – replacing the Intermediate '99)  P – Paramedic (no change)</p>	
<b>V. Homework</b>	<p>Please work on reviewing the below guidelines and cut/paste and modify them from the TJEMS protocols which can be located at:  <a href="http://www.tjems.org/images/uploads/2009_Guidelines_Entire_Full_Size.pdf">http://www.tjems.org/images/uploads/2009_Guidelines_Entire_Full_Size.pdf</a></p> <p>The workgroup teams and assignments are as follows:</p> <ol style="list-style-type: none"> <li>1. <b><u>Bob Ryalls &amp; Jeff Meyer</u></b> <ol style="list-style-type: none"> <li>1. Abdominal Pain</li> <li>2. Acute Psychological Agitation</li> <li>3. Alcohol Related Emergencies</li> <li>4. Allergic Reactions</li> </ol> </li> <li>2. <b><u>Mary Kathryn Allen &amp; Steve Rea</u></b> <ol style="list-style-type: none"> <li>1. Envenomation</li> <li>2. Hyperthermia</li> <li>3. Hypotension (Symptomatic)</li> <li>4. Hypothermia</li> </ol> </li> <li>3. <b><u>Max Bornstein &amp; Allen Yee</u></b> <ol style="list-style-type: none"> <li>1. Near Drowning</li> <li>2. Poisoning/Overdose</li> <li>3. Cardiac Arrest: General Management</li> <li>4. Asystole/PEA</li> </ol> </li> </ol>	

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	<ol style="list-style-type: none"> <li>4. <b><u>Debbie Akers &amp; Charles Lane, M.D.</u></b> <ol style="list-style-type: none"> <li>1. Atrial Fibrillation/Flutter</li> <li>2. Bradycardia</li> <li>3. Chest Pain/Acute Coronary Syndrome</li> <li>4. Narrow Complex Tachycardia – Paroxysmal SVT</li> </ol> </li> <li>5. <b><u>Holly Frost &amp; Jack Potter, M.D.</u></b> <ol style="list-style-type: none"> <li>1. Ventricular Fibrillation / Pulseless Ventricular Tachycardia</li> <li>2. Wide Complex Tachycardia (Ventricular Tachycardia with Pulse)</li> <li>3. Special Resuscitation: Hypothermic Arrest</li> <li>4. Post Cardiac Arrest: Induced Hypothermia</li> </ol> </li> <li>6. <b><u>Delilah Long &amp; Billy Altman</u></b> <ol style="list-style-type: none"> <li>1. Altered Level of Consciousness</li> <li>2. Seizures</li> <li>3. Stroke</li> </ol> </li> </ol>	
<b>VII. Reading File</b>	<p>Some web links of interest are listed below:</p> <p><b>Virginia Scope of Practice (VASoP) [Two Documents] –</b></p> <ul style="list-style-type: none"> <li>• <a href="http://www.vdh.virginia.gov/OEMS/Files_page/Training/ScopeOfPractice-Formulary.pdf">http://www.vdh.virginia.gov/OEMS/Files_page/Training/ScopeOfPractice-Formulary.pdf</a></li> <li>• <a href="http://www.vdh.virginia.gov/OEMS/Files_page/Training/ScopeOfPractice-Procedures.pdf">http://www.vdh.virginia.gov/OEMS/Files_page/Training/ScopeOfPractice-Procedures.pdf</a></li> </ul> <p><b>National Education Standards &amp; Instructor Guidelines –</b></p> <ul style="list-style-type: none"> <li>• <a href="http://www.nemsed.org/draft_standards/index.cfm">http://www.nemsed.org/draft_standards/index.cfm</a></li> </ul> <p><b>Virginia Regional EMS Protocols -</b></p> <ul style="list-style-type: none"> <li>• <a href="http://www.vdh.virginia.gov/OEMS/Training/PositionPapers.htm">http://www.vdh.virginia.gov/OEMS/Training/PositionPapers.htm</a></li> </ul> <p><b>Medical Direction Committee Position Papers –</b></p> <ul style="list-style-type: none"> <li>• <a href="http://www.vdh.virginia.gov/OEMS/Training/PositionPapers.htm">http://www.vdh.virginia.gov/OEMS/Training/PositionPapers.htm</a></li> </ul> <p><b>Other State Protocols (Guidelines) –</b></p> <ul style="list-style-type: none"> <li>• <a href="http://www.miemss.org/home/default.aspx?tabid=106">http://www.miemss.org/home/default.aspx?tabid=106</a> Maryland EMS</li> <li>• <a href="http://www.ncems.org/nccepprotocols.html">http://www.ncems.org/nccepprotocols.html</a> North Carolina EMS</li> <li>• <a href="http://www.psd.plantation.org/fire/docs/Protocol-2001.pdf">http://www.psd.plantation.org/fire/docs/Protocol-2001.pdf</a> South Florida EMS</li> </ul> <p><b>Atlantic EMS Council Practice Analysis –</b></p> <ul style="list-style-type: none"> <li>• <a href="http://www.vdh.virginia.gov/OEMS/Files_page/Training/PESPracticeAnalysis.pdf">http://www.vdh.virginia.gov/OEMS/Files_page/Training/PESPracticeAnalysis.pdf</a></li> </ul>	

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IX. Public Comment	None	
X. For the Good of the Order		<b>Meeting Dates:</b> <ul style="list-style-type: none"> <li>• March 15, 2010</li> <li>• April 21, 2010</li> <li>• June 9, 2010</li> </ul>
XI. Adjourn		